

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	83	66/158.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/08 08:59
L2	3	"87".clas. and chain stitch	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:01
L4	224	112/11.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:04
L5	167	112/10.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:04
L6	0	(L5 or L4) and unravel	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:05
L7	3	(L5 or L4) and unravel \$4	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:05
L8	0	(L5 or L4) and (last or final) stitch	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:07
L9	1	(L5 or L4) and ((last or final) near stitch)	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:07
L10	2	chain stitch and (back stitch with unravel\$4)	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:08
L11	74	112/438.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:18
L15	1	L11 and ((last or final or end) (stitch or loop))	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:23
L16	1	L11 and ((last or final or end) near (stitch or loop))	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:23
L17	18	chain stitch with ((last or final or end) near (stitch or loop))	US-PGPUB; USPAT	ADJ	ON	2009/12/08 09:24
L18	25	("3527650"   "5296292"   "5476589"   "5801319"   "5873906"   "5883319"   "5907113"   "5919225"   "5961440"   "6015429"   "6045497"   "6050936"   "6248942"   "6261222"   "6302891"   "6315792"   "6352561"   "6616684"   "6673105"   "RE38091").PN. OR ("6984242").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/08 09:28

L19	11	(suture or stitch) with packag\$4 with unravel \$4	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/12/08 10:00
L20	5	(chain stitch) with packag\$4 with unravel \$4	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/12/08 10:03
L21	13	(chain stitch) with packag\$4	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/12/08 10:04
S2	2	"10564874"	US-PGPUB; USPAT	ADJ	ON	2008/08/27 10:26
S3	4	suture prosthetic material	US-PGPUB; DERWENT	ADJ	ON	2008/08/27 10:26
S5	2	"2004010566"	JPO	ADJ	ON	2008/08/27 10:37
S6	1	jp-2004010566-.did.	DERWENT	ADJ	ON	2008/08/27 10:49
S7	1	WO-2004010566-.did.	DERWENT	ADJ	ON	2008/08/27 10:54
S8	1	JP-2004010566-A\$	DERWENT	ADJ	ON	2008/08/27 10:57
S9	21	(material or fabric or sheet) with projection same suture same (device or machine)	USPAT	ADJ	ON	2008/09/02 15:01
S10	45	(material or fabric or sheet) with projection same suture same (device or machine)	US-PGPUB; USPAT	ADJ	ON	2008/09/02 15:02
S11	1	"6063097".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/02 15:04
S12	1	"5618290".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/02 15:07
S14	403	"28".clas. and projection	USPAT	ADJ	ON	2008/09/02 15:10
S16	4	"28".clas. and projection with load\$3	USPAT	ADJ	ON	2008/09/02 15:11
S21	3944	gunze	JPO; DERWENT	ADJ	ON	2008/09/02 15:58
S22	0	gunze and "20000303".pd.	JPO; DERWENT	ADJ	ON	2008/09/02 15:59

S23	24	US-2495623-\$ DID. OR US-2495612-\$ DID. OR US-1234567-\$ DID. OR US-5814057-\$ DID. OR US-6063097-\$ DID. OR US-5263629-\$ DID. OR US-5503638-\$ DID. OR US-5441299-\$ DID. OR US-5542594-\$ DID. OR JP-1234567-\$ DID. OR JP-200170433-\$ DID. OR JP-9308635-\$ DID. OR JP-3237750-\$ DID. OR JP-3237749-\$ DID. OR JP-2004147902-\$. DID. OR JP-2604025-\$. DID. OR JP-3136392-\$. DID. OR JP- 2000316963-\$ DID. OR JP-3040930-\$ DID. OR JP-1996299427-\$ DID.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	ADJ	ON	2008/09/02 16:09
S24	7	(projection or tab) with pull same suture	JPO; DERWENT	ADJ	ON	2008/09/02 16:18
S25	1	projection with pull same suture	JPO; DERWENT	ADJ	ON	2008/09/02 16:20
S28	277	projection with (fabric or material or sheet) with (pull or load )	JPO; DERWENT	ADJ	ON	2008/09/02 16:21
S30	2	projection with suture reinforcement material	US-PGPUB; USPAT	ADJ	ON	2008/09/02 16:23
S31	29	projection with suture with guide	US-PGPUB; USPAT	ADJ	ON	2008/09/02 16:23
S32	18	projection with suture with guide	USPAT	ADJ	ON	2008/09/02 16:23
S33	2	supporting element and staple region	USPAT	ADJ	ON	2008/09/02 16:25
S34	100	automatic stapling and (fabric or material or sheet)	USPAT	ADJ	ON	2008/09/02 16:26
S35	17	S34 and projection	USPAT	ADJ	ON	2008/09/02 16:26
S36	15	112/22.ccls.	USPAT	ADJ	ON	2008/09/02 16:28
S37	0	suture near\$2 stop\$3	USPAT	ADJ	ON	2008/09/02 16:30
S38	439	suture with stop\$3	USPAT	ADJ	ON	2008/09/02 16:30
S42	12	suture stop\$3	USPAT	ADJ	ON	2008/09/02 16:30

S44	1	suture with stop\$3 with (unravel or unwind)	USPAT	ADJ	ON	2008/09/02 16:36
S45	3	suture same stop\$3 same (unravel or unwind)	USPAT	ADJ	ON	2008/09/02 16:37
S46	18	projection with (material or fabric or sheet) with ease	JPO; DERWENT	ADJ	ON	2008/09/03 08:29
S47	104	projection with (material or fabric or sheet) with ease	USPAT; JPO; DERWENT	ADJ	ON	2008/09/03 08:29
S48	98	projection with (material or fabric or sheet) with ease	USPAT; DERWENT	ADJ	ON	2008/09/03 08:29
S49	86	projection with (material or fabric or sheet) with ease	USPAT	ADJ	ON	2008/09/03 08:29
S50	0	projection with (material or fabric or sheet) with ease with (pull\$3 or attach\$3)	USPAT	ADJ	ON	2008/09/03 08:31
S51	2	projection with (material or fabric or sheet) with ease with (pull\$3 or attach\$3)	USPAT	ADJ	ON	2008/09/03 08:31
S52	0	projection with (material or fabric or sheet) with ease and "606.clas"	USPAT	ADJ	ON	2008/09/03 08:32
S53	86	projection with (material or fabric or sheet) with ease	USPAT	ADJ	ON	2008/09/03 08:33
S54	37990	"606".CLAS.	USPAT	ADJ	ON	2008/09/03 08:34
S55	2	S53 and S54	USPAT	ADJ	ON	2008/09/03 08:34
S56	20	suture reinforcement	USPAT	ADJ	ON	2008/09/03 08:35
S57	4	S56 and projection	USPAT	ADJ	ON	2008/09/03 08:36
S58	1	"6273897".PN. and buttress	USPAT	ADJ	ON	2008/09/03 08:42
S59	46	suture with unravel	USPAT	ADJ	ON	2008/09/03 08:45
S60	12	suture with unravel\$3 with (stop\$3 or prevent \$3 or inhibit\$3)	USPAT	ADJ	ON	2008/09/03 08:46

S61	269	tubular with suture with (material or fabric or sheet)	US-PGPUB; DERWENT	ADJ	ON	2008/09/03 10:01
S62	313	tubular with suture with (material or fabric or sheet)	USPAT	ADJ	ON	2008/09/03 10:02
S63	0	S62 and automatic device	USPAT	ADJ	ON	2008/09/03 10:02
S64	101	S62 and stitch	USPAT	ADJ	ON	2008/09/03 10:03
S65	5	S62 and 606/228.ccls.	USPAT	ADJ	ON	2008/09/03 10:05
S68	20	suture reinforcement	USPAT	ADJ	ON	2008/09/03 10:07
S69	8	S68 and tubular	USPAT	ADJ	ON	2008/09/03 10:07
S70	1	"6063097".pn.	USPAT	ADJ	ON	2008/09/03 10:17
S71	1	"5618290".pn.	USPAT	ADJ	ON	2008/09/03 10:17
S72	1	"4839215".pn.	USPAT	ADJ	ON	2008/09/03 10:17
S79	998	606/139.ccls.	USPAT	ADJ	ON	2008/09/03 13:13
S80	1076	"606/151".ccls.	USPAT	ADJ	ON	2008/09/03 13:13
S81	291	"606/228".ccls.	USPAT	ADJ	ON	2008/09/03 13:13
S82	154121	"428".clas.	USPAT	ADJ	ON	2008/09/03 13:13
S83	2	"7083638"	USPAT	ADJ	ON	2008/09/03 15:05
S87	1	"7083638".pn.	USPAT	ADJ	ON	2008/09/03 15:08
S88	1	"6652561".pn.	USPAT	ADJ	ON	2008/09/03 15:13
S89	1	S88 and unraveling	USPAT	ADJ	ON	2008/09/03 15:14
S90	1	"20040122503"	USPAT	ADJ	ON	2008/09/08 11:01
S92	1	"6652561".pn.	USPAT	ADJ	ON	2009/02/02 16:57
S93	5	("5766188" or "5814057" or "6551350" or "6652562" or "5441193").pn.	US-PGPUB; USPAT	ADJ	ON	2009/02/02 17:00

S94	8	( "4834090"   "5397324" ).PN. OR ("5766188").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/02/02 17:07
S95	64	( "3079606"   "3490675"   "3494533"   "3499591"   "4242902"   "4299224"   "4354628"   "4383634"   "4412539"   "4508253"   "4520817"   "4522327"   "4568009"   "4573622"   "4616650"   "4624254"   "4665916"   "4728020"   "4881544"   "4881545"   "4932960"   "4955959"   "5014899"   "5040715"   "5084057"   "5100042"   "5100420"   "5116349"   "5133738"   "5156614"   "5236629" ).PN. OR ("5441193").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/02/02 17:08
S96	348	( "2638093"   "3152618"   "3174851"   "3351463"   "3479670"   "3514791"   "3562820"   "3625198"   "3657744"   "3710777"   "3753700"   "3774596"   "3866247"   "3866609"   "3868956"   "3927422"   "3938524"   "3949073"   "3953566"   "3974526"   "3993045"   "4011861"   "4047252"   "4130904"   "4140126"   "4164045"   "4187390"   "4300244"   "4306318"   "4319363"   "4355426"   "4411655"   "4424208"   "4425908"   "4488911"   "4494531"   "4502159"   "4503569"   "4512338"   "4517687"   "4530113"   "4546500"   "4553545"   "4557764"   "4562596"	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/02/02 17:09

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S98	8	("4834090"   "5397324").PN. OR ("5766188").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/02/04 13:28
S99	30	("2723666"   "4512342").PN. OR ("4834090").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/02/04 13:29
S100	6	("2712843"   "4834090"   "5312132"   "5397324").PN. OR ("5843096").URPN.	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/02/04 13:31
S101	25	(suture near end near extend) with loop	US-PGPUB; USPAT; USOOR	ADJ	ON	2009/02/04 13:34
S102	1	"6063097".pn.	US-PGPUB; USPAT	ADJ	ON	2009/05/20 10:20
S103	1	"2259025".pn.	US-PGPUB; USPAT	ADJ	ON	2009/05/20 14:39
S105	2	"11395718"	US-PGPUB; USPAT	ADJ	ON	2009/05/21 09:10
S108	74	112/438.ccls.	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:31
S109	4	112/438.ccls. and lock	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:47
S113	2	"60".clas. and chain stitch	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:48

S116	6	(chain stitch) with prevent with unravel\$4	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:52
S117	84	stitch with prevent with unravel\$4	US-PGPUB; USPAT	ADJ	ON	2009/12/07 16:54
S118	0	(chain stitch) with ((back loop) or (loop back)) with unravel\$4	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:18
S119	271	(chain stitch) with lock \$4	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:18
S120	0	(intraloop\$3 stitch\$3) with prevent with unravel	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:21
S121	0	(intraloop\$3 stitch\$3) with unravel	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:21
S122	2	(intraloop\$3 stitch\$3)	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:21
S123	108	chain stitch and ((last or final or distal) with loop)	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:24
S124	7	112/438.cccls. and ((last or final or end) near (stitch or loop))	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:30
S125	12	chain stitch with ((last or final) stitch)	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:38
S126	25	lock with ((last or final) stitch)	US-PGPUB; USPAT	ADJ	ON	2009/12/07 17:41

12/8/2009 11:02:23 AM

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